



PATENT APPLICATION

Inventor(s): Delos C. JENSEN and Stephen R. CARTER

Serial No.: 09/512,963

Examiner: Patrick Nestor EDOUARD

Filing Date: 2/25/2000

Group Art Unit: 2654

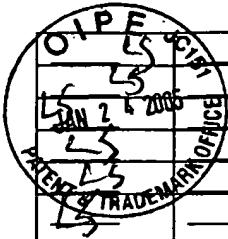
Title: CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE

INFORMATION DISCLOSURE STATEMENT

PTO-1449

U.S. PATENT DOCUMENTS

Exam Init	Ref	Document Number	Issue Date	Name	Class	Sub Class
LS		5,276,677	1/04/94	Ramamurthy et al.	370	60
LS		5,317,507	5/31/94	Gallant	364	419.13
LS		5,325,298	6/28/94	Gallant	364	419.19
LS		5,539,841	7/23/96	Huttenlocher et al.	382	218
LS		5,551,049	8/27/96	Kaplan et al.	707	532
LS		5,619,709	4/08/97	Caid et al.	395	794
LS		5,675,819	10/07/97	Schuetze	704	10
LS		5,694,523	12/02/97	Wical	395	12
LS		5,696,962	12/09/97	Kupiec	395	604
LS		5,708,825	1/13/98	Sotomayor	395	762
LS		5,721,897	2/24/98	Rubinstein	707	2
LS		5,778,362	7/07/98	Deerwester	707	5
LS		5,778,378	7/07/98	Rubin	707	103
LS		5,778,397	7/07/98	Kupiec et al.	707	500
LS		5,794,178	8/11/98	Caid et al.	704	9
LS		5,799,276	8/25/98	Komissarchik et al.	704	251
LS		5,822,731	10/13/98	Schultz	704	256
LS		5,867,799	2/02/99	Lang et al.	707	1
LS		5,873,056	2/16/99	Liddy et al.	704	9
LS		5,934,910	8/10/99	Ho et al.	434	362
LS		5,940,821	8/17/99	Wical	707	3
LS		5,963,965	10/05/99	Vogel	707	501.1
LS		5,966,686	10/12/99	Heidorn et al.	704	9
LS		5,970,490	10/19/99	Morgenstern	707	10
LS		5,974,412	10/26/99	Hazlehurst et al.	707	3
LS		5,991,713	11/23/99	Unger et al.	704	9
LS		6,009,418	12/28/99	Cooper	706	15
LS		6,078,953	6/20/00	Vaid et al.	709	223
LS		6,108,619	8/22/00	Carter et al.	704	9
LS		6,173,261	1/09/01	Arai et al.	704	257
LS		6,205,456	3/20/01	Nakao	707	531
LS		6,289,353	9/11/01	Hazelhurst et al.	707	102
LS		6,311,194	10/30/01	Sheth et al	707	505
LS		6,317,708	11/13/01	Witbrock et al.	704	9
LS		6,317,709	11/13/01	Witbrock et al.	704	225
LS		6,356,864	3/12/02	Foltz et al.	704	1



	6,459,809	10/01/02	Jensen et al.	382	203
	6,470,307	10/22/02	Turney	704	9
	6,523,026	2/18/03	Gillis	707	3
	6,513,031	1/28/03	Fries et al.	707	3
	6,615,208	9/02/03	Behrens et al.	707	5
	6,675,159	1/06/04	Lin et al.	707	3

FOREIGN PATENT DOCUMENTS

Exam Init	Ref	Document Number	Publication Date	Country	Name

OTHER DOCUMENTS

Exam Init	Ref	Author, Title, Date, Pertinent Pages, Etc.)
LS		Bartell, et al., "Latent Semantic Indexing is an Optimal Special Case of Multidimensional Scaling," <i>Dept. of Computer Science & Engineering, University of California, San Diego</i> , 1992, 7 pages.
LS		Chomsky, "Language and Thought," 1993, pgs. 18-19, 22-27, 44-45, 60-61.
LS		Chomsky, "The Minimalist Program," 1995, pgs. 13-65.
LS		Cook et al., "Chomsky's Universal Grammar – An Introduction," 1988, pgs. 40-74, 131-272.
LS		Culler, "Ferdinand de Saussure – Revised Edition," 1986 pgs. 38-57
LS		Eco et al., "Meaning and Mental Representations," 1988, pg. 221.
LS		Eco, "Semiotics and the Philosophy of Language," 1984, pg. 46-86.
LS		Edwards, "Functional Analysis: theory and applications," 1965, pgs. 10-13, 32-33, 50-53, 62-65, 88-103, 174-203, 224-233.
LS		Halmos, "Naïve Set Theory," Undergraduate Texts in Mathematics, 1968, pgs. 56-57, 66-69.
LS		Hocking, "Topology," 1961, pgs. 6-7, 56-59, 68-71.
LS		Hutson, "Applications of Functional Analysis and Operator Theory," 1980, index, preface, and Table of Contents.
LS		Kahn, "Topology: An Introduction to the Point-Set and Algebraic Areas," 1975, pgs. 10-15.
LS		Khare et al., "Capturing the State of Distributed Systems with XML," 10/26/97, pgs. 1-12.
LS		Lundquist et al., "Improving Relevance Feedback in the Vector Space Model," 1997, pgs 16-23.
VS		Mostafa et al., "A Multilevel Approach to Intelligent Information Filtering: Model, System, and Evaluation," <i>ACM Transactions on Information Systems</i> , Vol. 15, No. 4, 10/97, pgs. 368-399.
LS		Pesetsky, "Zero Syntax: experiencers and cascades," 1995, pgs. 1-122.
LS		Pejtersen, "Semantic Information Retrieval," <i>Communications of the ACM</i> , Vol. 41, No. 5, 4/98, pgs. 90-92.
LS		"Platform for Internet Content Selection (PICS)," http://www.w3.org , pgs. 1-8.
LS		Singh, "Unifying Heterogeneous Information Models," <i>Tesserae Information Systems, Inc.</i> , http://citeseer.ist.psu.edu.com , pgs. 1-13
LS		Smith, "Computers and human language," 1991, pgs. 205-257.
LS		"WordNet – a lexical database for the English language," <i>Cognitive Science Laboratory, Princeton University</i> , www.cogsci.princeton.edu , 2 pgs.

Examiner: Xiaofan Soper

Date Considered: 10/6/05

ATENT APPLICATION

Atty. Docket No.: 6647-3
Applicant: Delos C. Jensen and Stephen R. Carter
Filed Date: February 25, 2000

Serial No. 09/512,963
Group: 2741



Cognitive Science Laboratory at Princeton University, "WordNet - A Lexical Database for English," printed February 10, 2000, selected pages from website.

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GROUP 2700

Examiner: Linda Spurr

Date Considered: 6/6/05



PATENT APPLICATION

Inventor(s):
Serial No.:
Title:

Delos C. Jensen et al.
09/512,963 Filing Date: February 25, 2000
CONSTRUCTION, MANIPULATION, AND COMPARISON OF A MULTI-DIMENSIONAL SEMANTIC SPACE

INFORMATION DISCLOSURE CITATION
FORM PTO-1449 (Modified)

U.S. PATENT DOCUMENTS

Exam <u>Init</u>	<u>Ref</u>	Document <u>Number</u>	Issue <u>Date</u>	Name	<u>Class</u>	<u>Sub Class</u>
LS	—	6,105,044	08/15/2000	De Rose et al.		
LS	—	6,297,824 B1	10/02/2001	Hearst et al.		
LS	—	6,295,533 B2	09/25/2001	Cohen		
LS	—	5,832,470	11/03/1998	Morita et al.		

FOREIGN PATENT DOCUMENTS

Exam <u>Init</u>	<u>Ref</u>	Document <u>Number</u>	Publication <u>Date</u>	Country	<u>Name</u>
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OTHER DOCUMENTS

Exam <u>Init</u>	<u>Ref</u>	<u>Author, Title, Date, Pertinent Pages, Etc.)</u>
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Examiner: Janet Soper

Date Considered: 6/6/05